

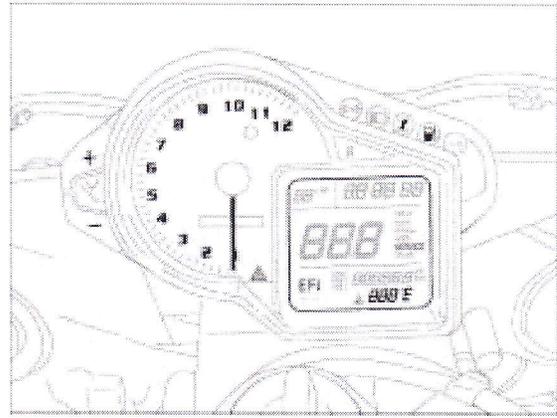
## DASHBOARD ECU DIAGNOSTICS CODE DISPLAY

## Display type :

water temperature digits together with EFI icon and warning led (▲). When a diagnostics code is displayed, the water temperature's symbol (thermometer), units' indication (°C/°F) and display segments disappear.

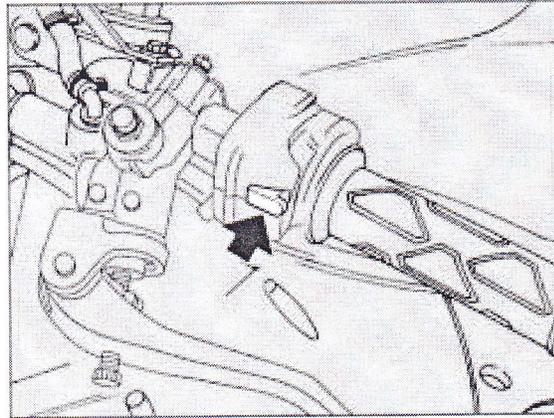
## Operating modes :

In normal conditions, the "EFI" icon and warning led (▲) are off. If one or more Fault Codes are sent to the dashboard by the ECU, the dashboard will not display them; it will only turn on the warning led (▲) and "EFI" icon instead.



To display the diagnostics codes in question, enable diagnostics mode by pressing the LAP button at key-ON for at least 15 seconds. To exit the diagnostics code display and return to the normal display mode, run a key-OFF/ON cycle. When the faults are eliminated and hence the Fault Code is no longer being sent to the dashboard by the ECU, the dashboard will continue to display them until a key-OFF/ON cycle is run.

If the dashboard is sent a code other than those given in the following diagnostics code table, it will display PXX where the XX is the last two digits of the code in question. If the CAN line does not respond or is disconnected in diagnostics mode, ERR will flash in place of the code digits.



**DIAGNOSTICS CODE TABLE**

<b>Error Type</b>	<b>Error type</b>	<b>Aprilia Code</b>
NO error	-	-
Cam Sensor	No signal	11
Crank Sensor	No signal	12
	Faulty signal	
MAP Sensor	Sensor fault	13
	Signal < V	
	Signal > V	
TPS	Sensor voltage < V	15
	Sensor voltage > V	
	Sensor fault	
	Sensor not adapted	
Engine temperature	Sensor fault	21
	Sensor voltage < V	
	Sensor voltage > V	
Air temperature	Sensor fault	22
	Sensor voltage < V	
	Sensor voltage > V	
Barometric pressure	Sensor voltage < V	23
	Sensor voltage > V	
Ignition #1	Ignition signal 1 not present	33
Ignition #2	Ignition signal 2 not present	35
Tip Over Switch	Sensor fault / disconnected	41
Injector #1	Injector 1 short circuit / open	42
	Injector 1 short circuit with battery +V	
Injector #2	Injector 2 short circuit / open	43
	Injector 2 short circuit with battery +V	
Stepper motor	Output fault	44
	Output fault	
Fuel Pump	Pump short circuit / open	45
	Pump in short circuit with battery +V	
Lambda	Sensor voltage </> V or faulty sensor	46
	Sensor short circuit / open / short circuit with battery +V	
	Sensor not adapted	
Oil pressure	Sensor fault	47
Engine fan relay	Fan relay short circuit / open / short circuit with battery +V	48
Tank purge valve	Valve short circuit / open / short circuit with battery +V	49
Starter	Starter short circuit / open	50
	Starter short circuit with battery +V	
Battery voltage	Battery voltage < V	51
	Battery voltage < V	



## RSV 1000 R - RSV 1000 R FACTORY

## SERVICE INTERVALS

Display type : SERVICE icon

Operating modes : the SERVICE icon displays

- after the first 1000 Km (620 mi)  $\pm$  5%;
- next after a total 10000 Km (6213 mi), i.e. 9000 Km (5592 mi) after the first time,
- every 10000 Km (6213 mi)  $\pm$  5% thereafter, hence at 20000 Km (12427 mi); 30000 Km (18641 mi), etc...

To reset the « SERVICE » function, hold down the + and - keys together for at least 15 seconds at key-ON.

